

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

B598962922

FACILITY: Huizenga & Sons Inc		SRN / ID: B5989
LOCATION: 10015 Gordon St, ZEELAND		DISTRICT: Grand Rapids
CITY: ZEELAND		COUNTY: OTTAWA
CONTACT: Phil Huizenga , Owner		ACTIVITY DATE: 05/19/2022
STAFF: Chris Robinson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced inspection to verify compliance with applicable air quality rules and regulations.		
RESOLVED COMPLAINTS:		

Chris Robinson (CR) from the Department of Environment, Great Lakes, and Energy's (EGLE) Air Quality Division was on site to conduct an inspection of Huizenga & Sons (SRN B5989) on May 19, 2022. The facility is located at 10015 Gordon Street in Zeeland, Michigan. Prior to arrival CR observed the facility from the north along Gordon Street. Cement trucks were lined up and waiting to be filled verifying operational status of the facility during the inspection. No visible emissions or odors were noticed during the filling process or from other onsite activities. Water had appeared to be used to control onsite dust.

Weather conditions were hazy with a temperature of approximately 56°F and southerly winds at 13 mph. No visible emissions or odors were observed.

Huizenga & Sons is a Redi Mix concrete batch plant. Cement is stored in silos and the aggregates are stockpiled onsite. Aggregate from the stockpiles is put into a hopper which is conveyed to a central hopper above the loading area where it is mixed with cement then loaded into trucks. Water is then added directly to the trucks to complete the concrete mixture.

CR entered the facility and met with the owner Phil Huizenga. Mr. Huizenga was not familiar with their permit or the fugitive dust plan specifically, but actions taken by company employees to mitigate fugitive emissions are being implemented. CR emailed a copy of the permit and Fugitive Dust Control Plan to Mr. Huizenga for their records. Per Mr. Huizenga no changes have taken place since the previous inspection in 2010.

Permit to Install no. 423-76 has three (3) Special conditions (SC). The first limits PM emissions to the Rule 331 limit of 0.10 pounds per 1,000 pounds of exhaust gas. Since there is no emission testing requirement specified, compliance with this condition is demonstrated through proper operation and maintenance. Visible emissions, which are limited to 20% per SC #2, can be an indicator of improper operation. As noted above none were observed. Special condition #3 prohibits operation unless a continuous program of fugitive dust control for the plant roadways and yard is approved and maintained. The facility has an approved plan which is being implemented.

The two cement silos noted in the previous 2010 inspection report as being installed under an exemption are still being utilized. The stacks on each silo are equipped with cartridge filters for particulate matter control. Typically these filters prevent backpressure from pushing cement out of the vent during re-filling. The silos still appear to be exempt from Rule 201 permitting requirements per Rule 289(2)(c).

Spare parts are being maintained onsite which includes one complete change out of silo filter cartridges. Water is primarily used for fugitive dust control, however chloride is used if needed. A tire wash station is present and utilized to minimize track out.

Per onsite observations and discussions with Mr. Huizenga, Huizenga & Sons appears to be operating in compliance with PTI No. 423-76 and applicable air quality rules and regulations.

NAME 

DATE 6/6/2022

SUPERVISOR 